

Application No. 10/805,222  
Amendment dated July 20, 2006  
Reply to Office Action of April 20, 2006

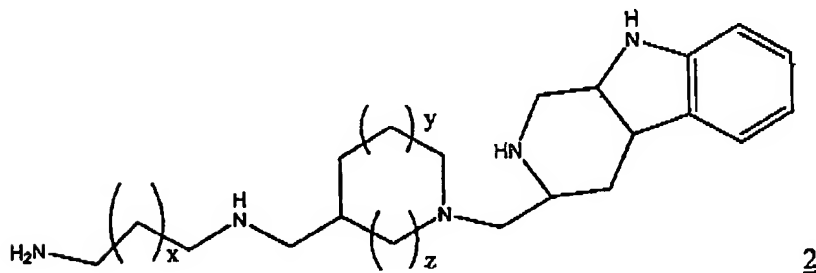
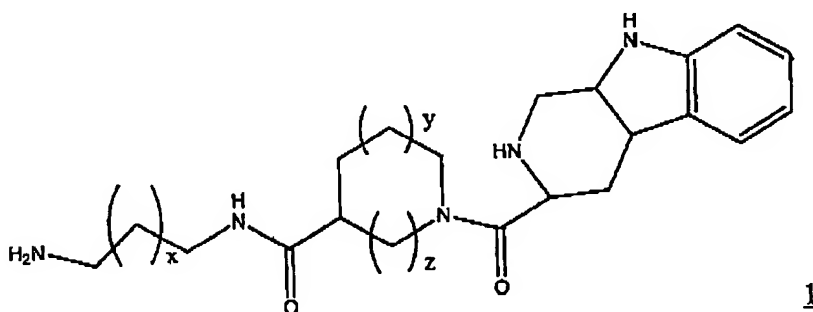
Docket No.: 22116-00011-US

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### AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior listings and version of claims in this application.

1. (Previously Presented) A tetrahydro- $\beta$ -carboline compound represented by the following formulae:



wherein x, y and z are each independently an integer of 0 to 4, and pharmaceutically acceptable salts thereof.

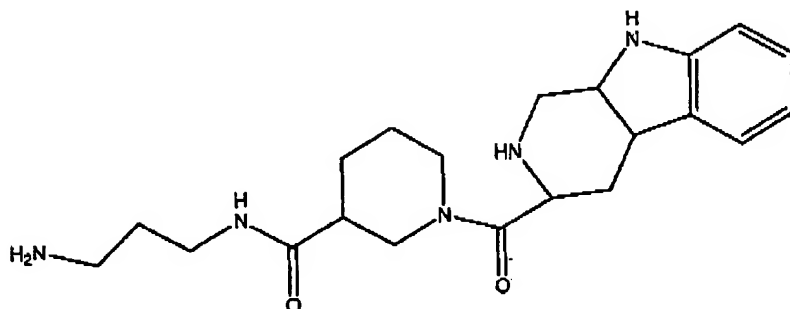
2. (Original) A compound according to claim 1 being a carboline bisamide represented by formula 1.
3. (Original) A compound according to claim 1 being a carboline tetraamine represented by formula 2.

Application No. 10/805,222  
Amendment dated July 20, 2006  
Reply to Office Action of April 20, 2006

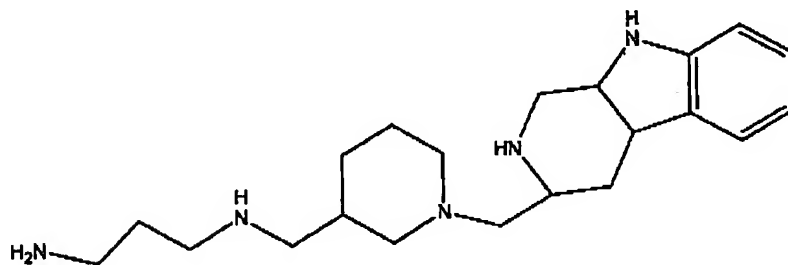
Docket No.: 22116-00011-US

4. (Canceled)

5. (Previously Presented) A compound according to claim 1 represented by the formula:



6. (Previously Presented) A compound according to claim 1 represented by the formula:

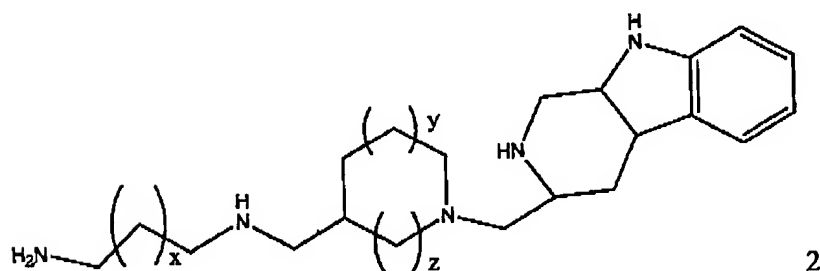
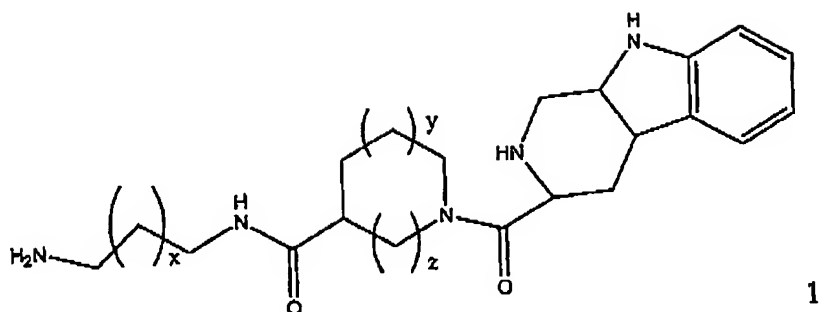


7. (Original) A pharmaceutical composition comprising a tetrahydro-β-carboline compound according to claim 1.

8. (Currently Amended) A method for treating a neurological disease depression and anxiety which comprises administering to a patient suffering from a neurological disease, an effective neurological treatment amount of a tetrahydro-β-carboline compound represented by the following formulae:

Application No. 10/805,222  
Amendment dated July 20, 2006  
Reply to Office Action of April 20, 2006

Docket No.: 22116-00011-US



wherein x, y and z are each independently an integer of 0 to 4, pharmaceutically acceptable salts thereof ~~and prodrugs thereof~~.

9. (Original) The method of claim 8 wherein the neurological disease comprises depression.

10. (Original) The method of claim 8 wherein the neurological disease comprises anxiety.

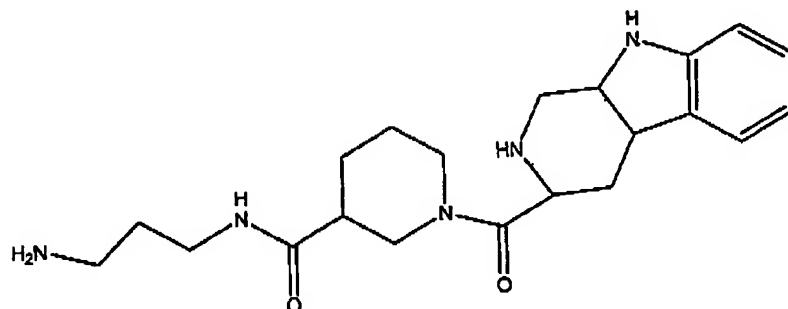
11. (Previously Presented) The method of claim 8 wherein the compound is a carboline bisamide represented by formula 1.

12. (Previously Presented) The method of claim 8 wherein the compound is a carboline tetraamine represented by formula 2.

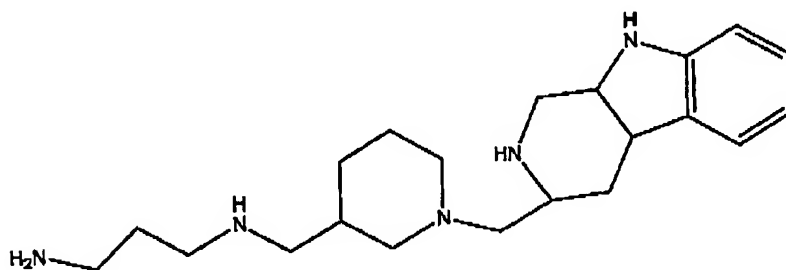
Docket No.: 22116-00011-US

Application No. 10/805,222  
Amendment dated July 20, 2006  
Reply to Office Action of April 20, 2006

13. (Previously Presented) The method of claim 8 wherein the compound is represented by the formula:



14. (Previously Presented) The method of claim 8 wherein the compound is represented by the formula:



Application No. 10/805,222  
Amendment dated July 20, 2006  
Reply to Office Action of April 20, 2006

Docket No.: 22116-00011-US

15. (Previously Presented) A method for treating a neurological disease which comprises administering to a patient suffering from a neurological disease, an effective neurological treatment amount of a tetrahydro- $\beta$ -carboline compound according to claim

1.